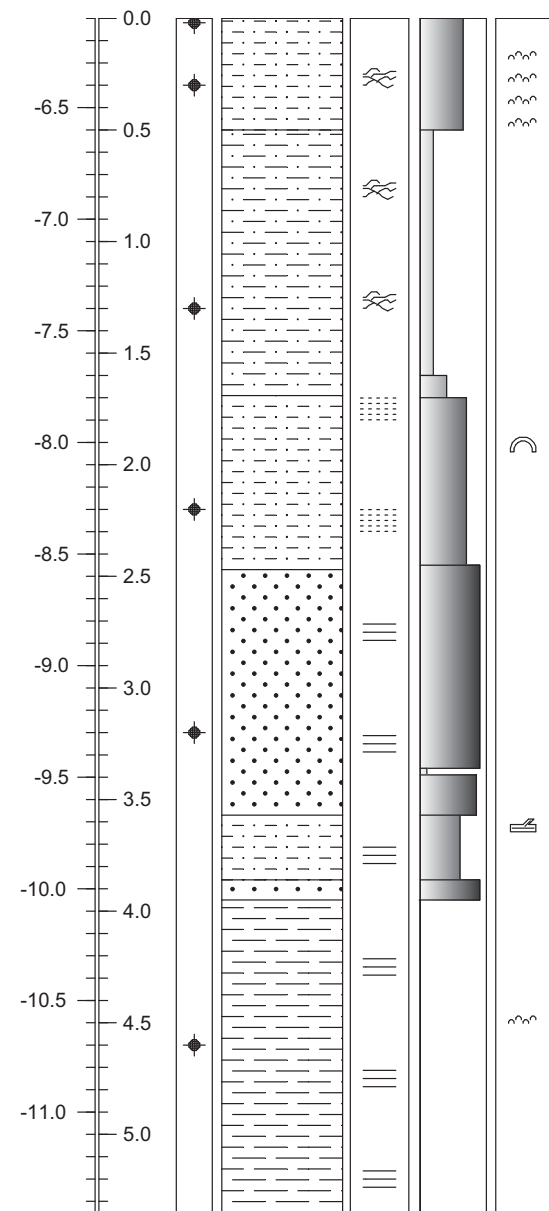


CORE ID: 10CCT05-49

LOCATION: Mississippi Sound, North of western extent of Horn Is. near Dog Ke
LATITUDE: 30.25675 LONGITUDE: -88.77012
DATE CORED: 9/28/10 WATER DEPTH (m): 6.10
CORE LENGTH (m): 5.35



0 - 0.50 m: MUDDY SAND, olive-gray, very muddy sand, with abundant disseminated shell material, and a very dense shell hash cluster from 0.20 to 0.25 m, highly bioturbated

0.50 - 1.69 m: SANDY MUD, olive-gray, soft mud with muddy sand filled burrows, muddy sand lenses become interbedded mud and thin, muddy sand horizons, with slightly angular bedding and deformation from coring from 1.55 to 1.69 m, minimal disseminated shell hash

1.69 - 2.47 m: MUDDY SAND, olive-gray, well-sorted, fine-grained, muddy sand, with scattered shell fragments, and a large intact, inarticulate bivalve at 1.90 m, small, brown, woody organic flecks throughout, moderate bioturbation

2.47 - 3.57 m: SAND, light brownish-gray, well-sorted, fine-grained quartz sand, thick, muddy sand horizons and large lenses throughout, occasional clean, olive-gray clay lenses, with a thick (3 cm) clay horizon from 3.36 to 3.39 m, minimal disseminated shell hash and occasional woody organic flecks

3.57 - 3.86 m: MUDDY SAND, olive-gray, well-sorted, fine-grained, muddy sand with mud content increasing down core, occasional clean sand filled burrows, very dark brown, woody organic clast at 3.61 m, moderately bioturbated

3.86 - 3.95 m: SAND, light brownish-gray, well-sorted, fine-grained quartz sand, with small, muddy sand filled burrows

3.95 - 5.35 m: CLAY, olive-gray, dense clay with faint horizontal bedding, small sand lenses and thin horizons throughout, dense shell hash cluster at 4.48 m consisting of black, phosphatized bivalve fragments

